

FIG. 1

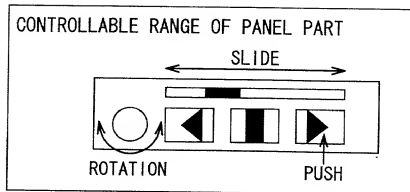





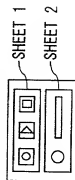
FIG. 2

EXEMPLIFIED TABLE OF APPLIANCE PANEL INFORMATION

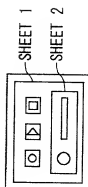
SHEET	PANEL ID	DISPLAY DATA	OPERATION ON GUI	COMMAND	OPERATION RANGE	LAYOUT
SHEET 1	B 1		"push"	"play"	-	10 x 100
SHEET 1	B 2		"push"	"stop"	-	50 x 100
SHEET 1	V 1		"up" or "down"	"volume"	L0 ~ L50	90 x 130

VTR 1 VTR 2 TV 1

* A PLURALITY OF SHEETS
MAY BE GIVEN TO ONE APPLIANCE.



* ONE SHEET MAY BE ARRANGED
ON ANOTHER SHEET.



* "AREAS" MAY BE SET ON A SHEET
TO HOLD LAYOUT INFORMATION.

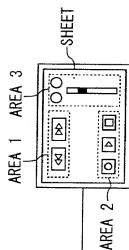


FIG. 3

ACCEPTANCE OF INPUT FROM THE OUTSIDE : POSSIBLE

FIG. 4

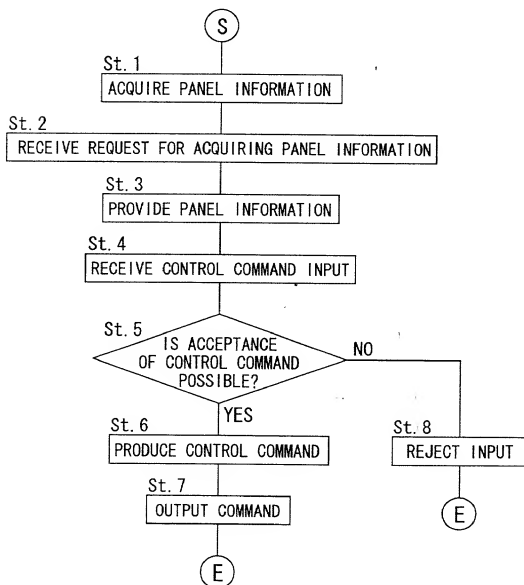


FIG. 5

TYPE OF INPUT: ACQUISITION OF PANEL INFORMATION
OBJECTIVE APPLIANCE: VTR1

FIG. 6

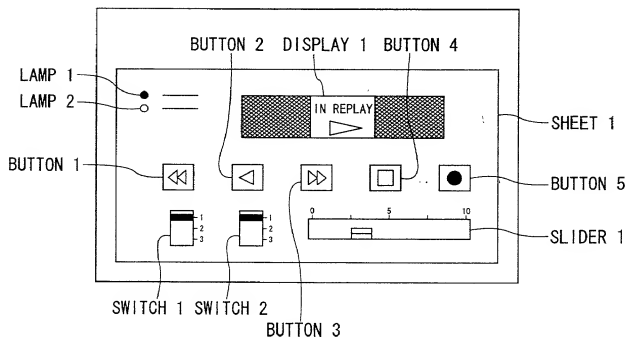


FIG. 7

TYPE OF INPUT: CONTROL COMMAND
 OBJECTIVE APPLIANCE: VTR1
 ID OF CONTROL-REQUESTING DEVICE: REMOTE CONTROL
 TERMINAL A
 PANEL ID: B1
 OPERATION: "push"

FIG. 8

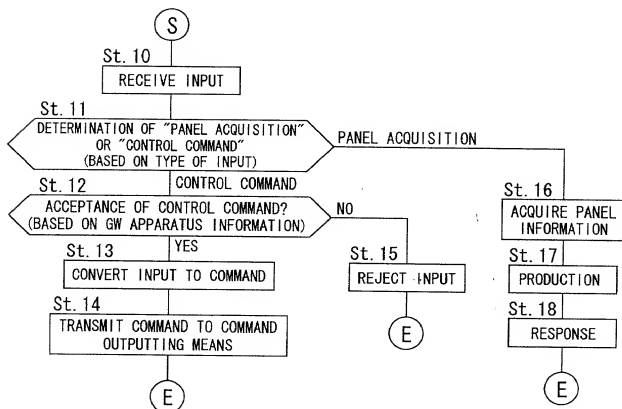


FIG. 9

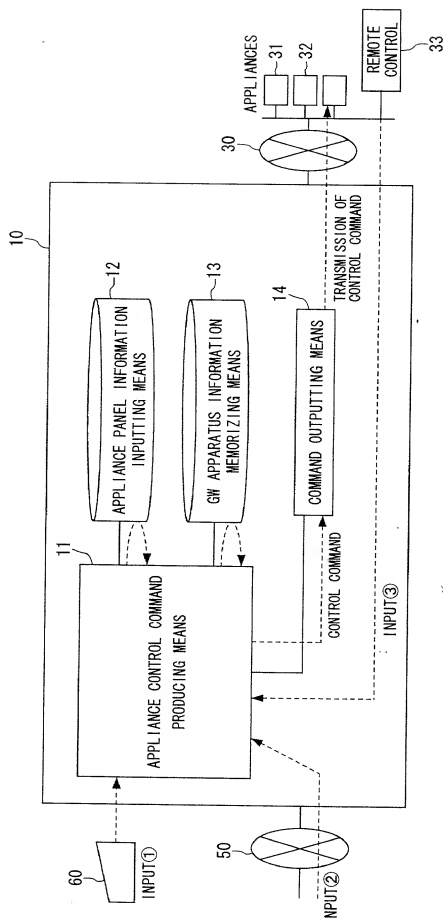


FIG. 10

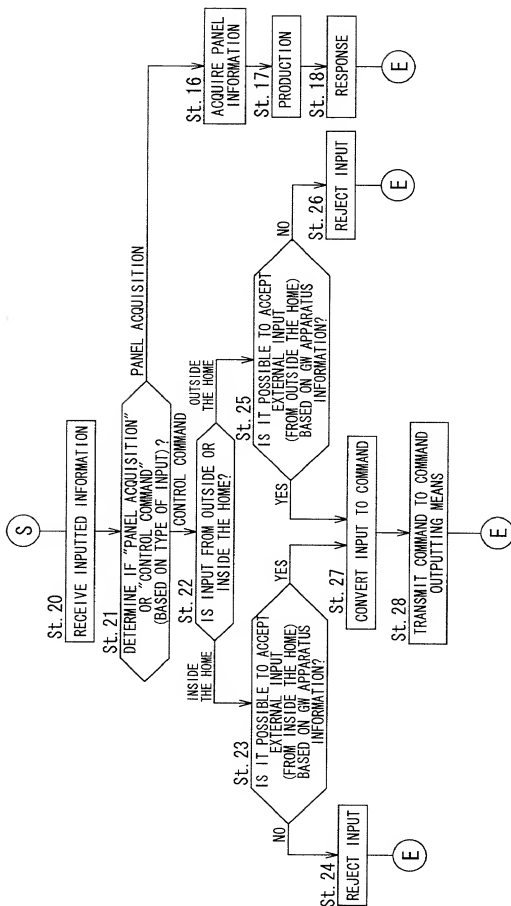


FIG. 11

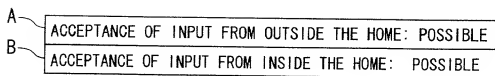


FIG. 12A

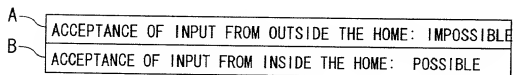


FIG. 12B

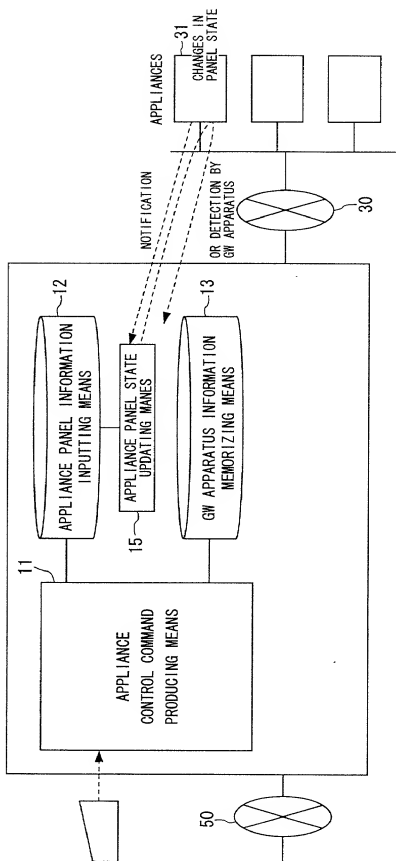


FIG. 13




SHEET	PANEL ID	DISPLAY DATA	OPERATION ON GUI	COMMAND	OPERATION RANGE	LAYOUT	CURRENT STATE
SHEET 1	B 1		"p u s h"	"p l a y"	-	10 × 100	"pushed"
SHEET 1	B 2		"p u s h"	"s t o p"	-	50 × 100	"Normal"
SHEET 1	V 1		"up" or "down"	"volume"	L0 ~ L50	90 × 130	"level 4" ⋮

FIG. 14

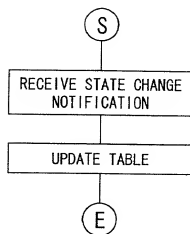


FIG. 15

TYPE OF NOTIFICATION: STATE CHANGE NOTIFICATION
OBJECTIVE APPLIANCE: VTR1
PANEL ID: B1
FORMER STATE: "Normal"
NEW STATE: "pushed"

FIG. 16

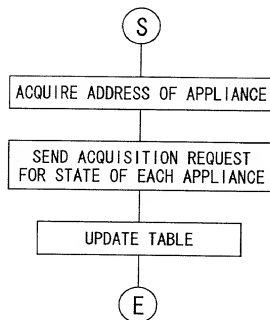


FIG. 17

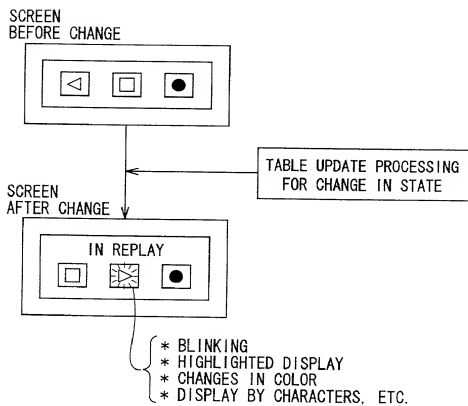


FIG. 18

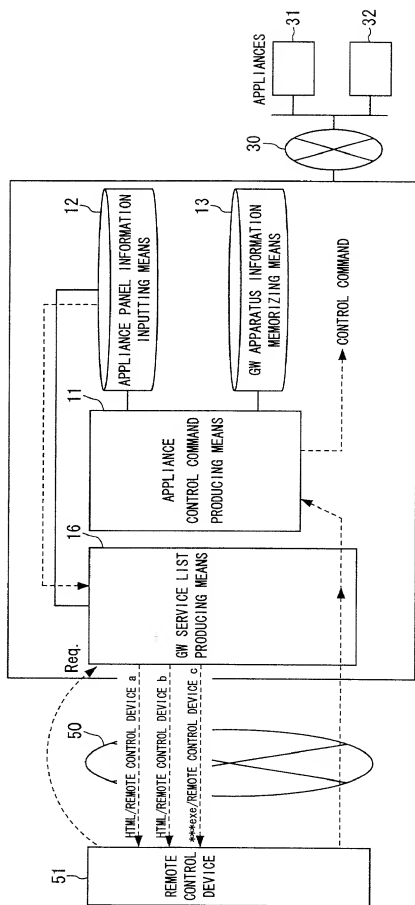


FIG. 19

CONTROL DEVICE ID: 001
REQUEST: SERVICE LIST

FIG. 20

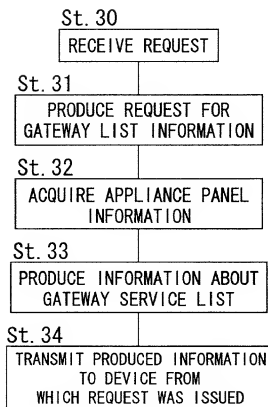


FIG. 21



VTR 1		
PANEL DATA	DISPLAY DATA	TYPE
B 1	 p l a y	BUTTON
B 1	 s t o p	BUTTON
⋮	⋮	⋮

FIG. 22

SHEET (1) (VTR 1)



BUTTON 1 - DISPLAY DATA  - LAYOUT(100, 50) - COMMAND B1push
 BUTTON 2 - DISPLAY DATA  - LAYOUT(100, 100) - COMMAND B2push

FIG. 23

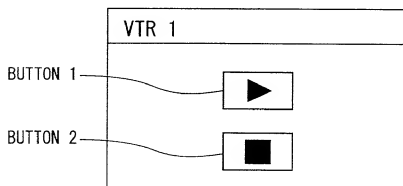


FIG. 24


```

<HTML>
<BODY>
...
<A href="http://www. .../VTR1/B1push.cgi">
  <src="play.gif"> </A>
...
<A href="http://www. .../VTR1/B2push.cgi">
  <src="stop.gif"> </A>
...
</BODY>
</HTML>

```

FIG. 25

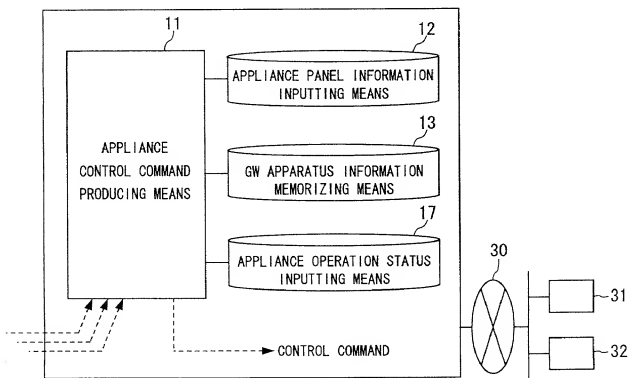


FIG. 26

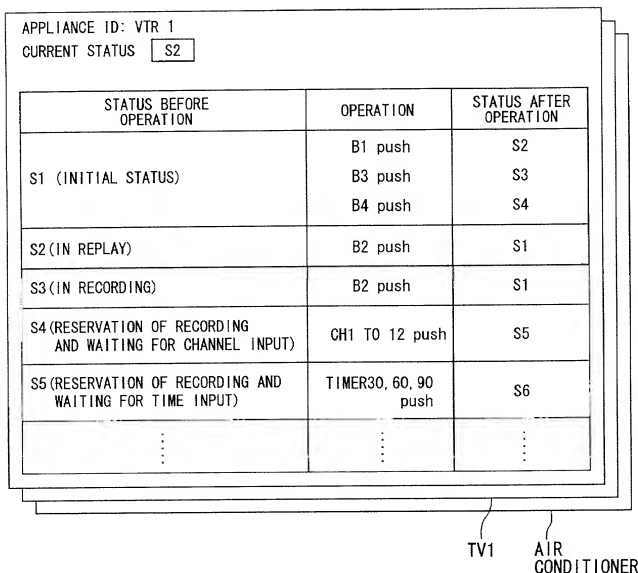


FIG. 27

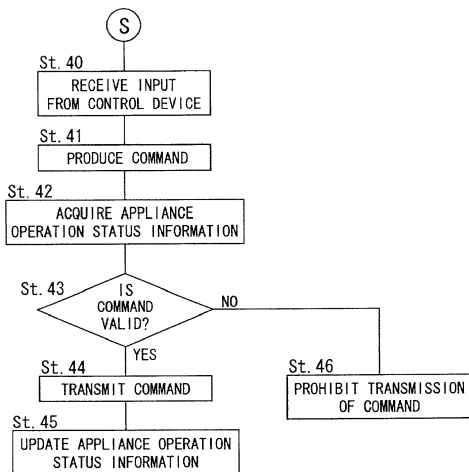


FIG. 28

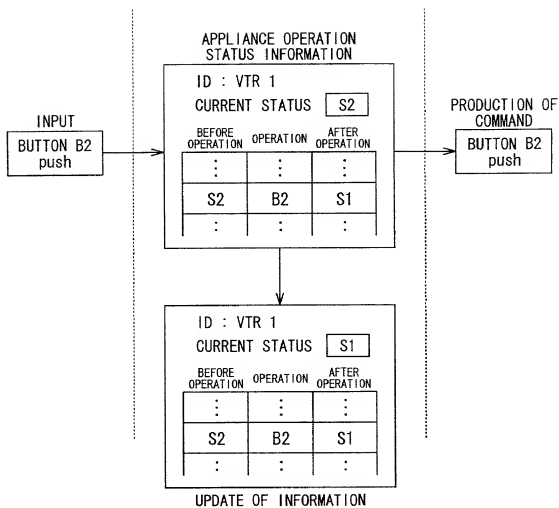


FIG. 29

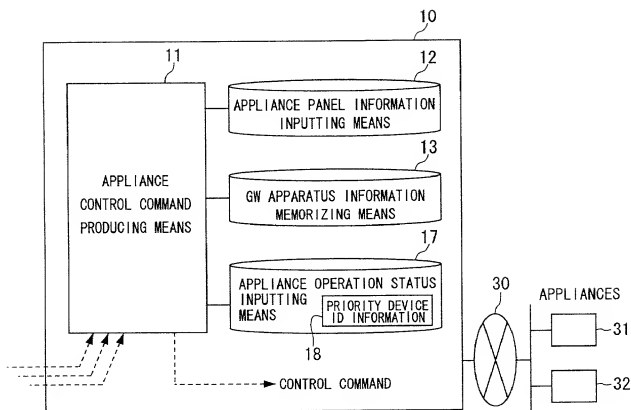


FIG. 30

APPLIANCE ID: VTR 1		
CURRENT STATUS	S2	PRIORITY DEVICE ID
* IS CONTINUED OPERATION STATUS		
BEFORE OPERATION	OPERATION	AFTER OPERATION
S1 (INITIAL STATUS)	B1 push	S2
	B3 push	S3
	B4 push	S4 *
S2 (IN REPLAY)	B2 push	S1
S3 (IN RECORDING)	B2 push	S1
	CH1 push	S5 *
	:	
S4 (RESERVATION OF RECORDING AND WAITING FOR CHANNEL INPUT)	CH12 push	
	TIMER30 push	S6
	TIMER60 push	
S5 (RESERVATION OF RECORDING AND WAITING FOR TIME INPUT)	:	
	:	:
	:	:

FIG. 31

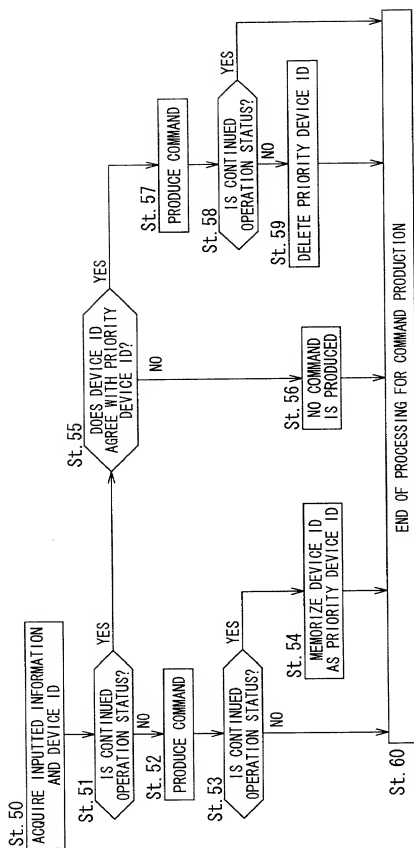


FIG. 32

PRIORITY DEVICE ID: 002

FIG. 33

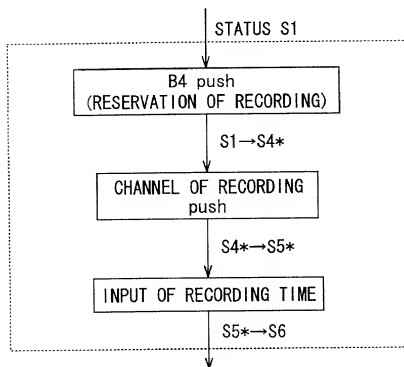


FIG. 34

FIG. 35A

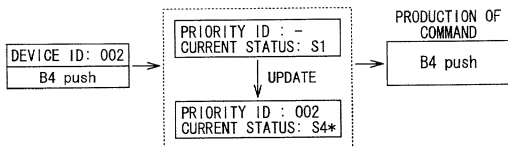


FIG. 35B

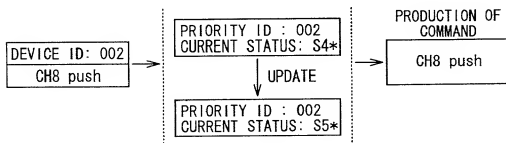


FIG. 35C

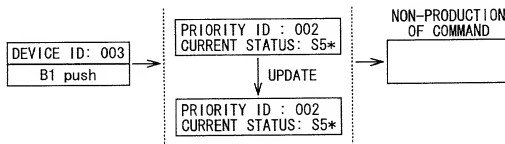
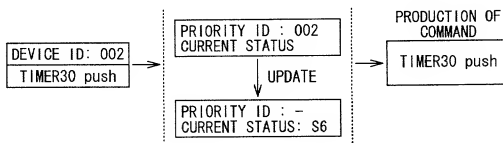


FIG. 35D



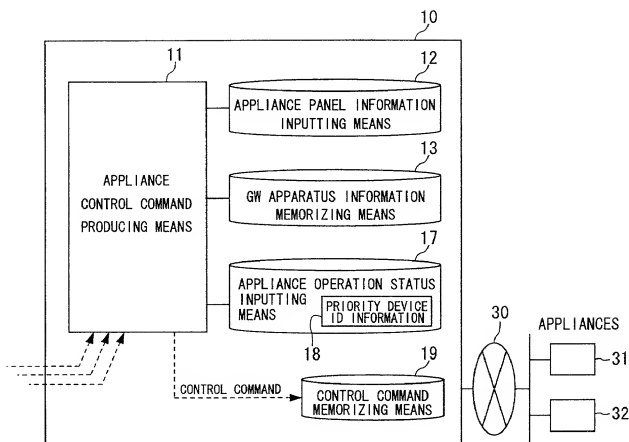


FIG. 36

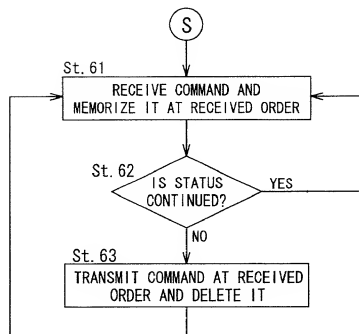


FIG. 37

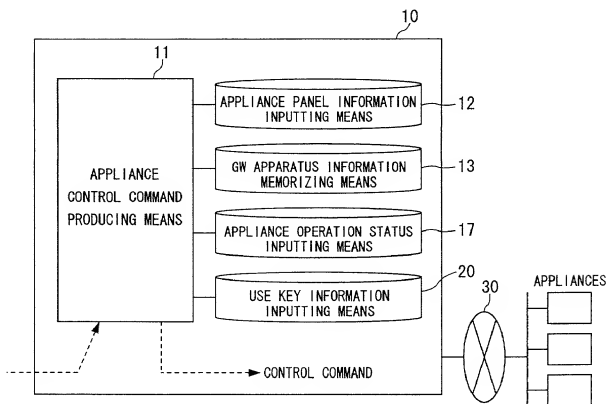


FIG. 38

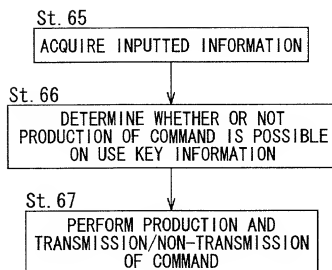


FIG. 39

ACCEPTABLE TIME ZONE DATA
10:00~20:00

FIG. 40

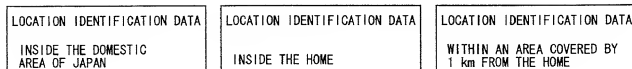


FIG. 41

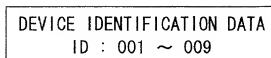


FIG. 42

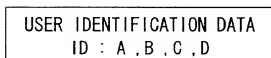


FIG. 43

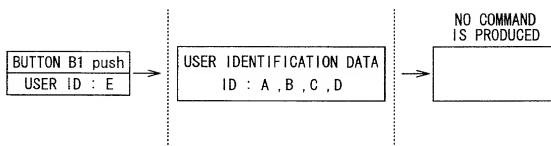


FIG. 44

APPLIANCE ID: VTR 1 CURRENT STATUS <input type="text" value="S1"/>			
BEFORE OPERATION	OPERATION	AFTER OPERATION	USE KEY
S1 (INITIAL STATUS)	B1	S2	
	B3	S3	1
	B4	S4*	1
S2 (IN REPLAY)	B2	S1	
S3 (IN RECORDING)	B2	S1	
S4* (RESERVATION OF RECORDING AND WAITING FOR CHANNEL INPUT)			

KEY 1
 USER ID : 001 TO 004

FIG. 45

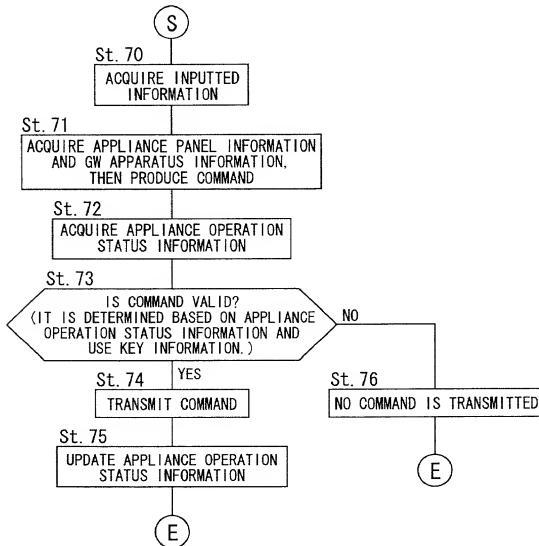


FIG. 46

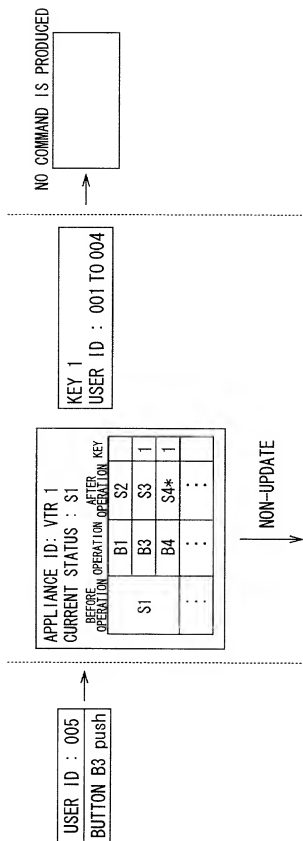


FIG. 47

APPLIANCE ID: AIR CONDITIONER CURRENT STATUS : S1			
BEFORE OPERATION	OPERATION	AFTER OPERATION	KEY
S1 (OFF)	B1 (ON)	S2	2
S2 (ON)	B2 (OFF)	S1	2
	B3 (TEMPERATURE)	S3*	3
S3* (WAITING FOR SETTING OF TEMPERATURE)	B4 (1°C+)	S2	3
	B5 (1°C-)	S2	3
...
...
...

KEY 2
LOCATION IDENTIFICATION DATA:

WITHIN AREA COVERED BY
A RADIUS OF 1 km FROM
THE HOME OR INSIDE THE HOME

KEY 3
LOCATION IDENTIFICATION DATA:

INSIDE THE HOME

FIG. 48

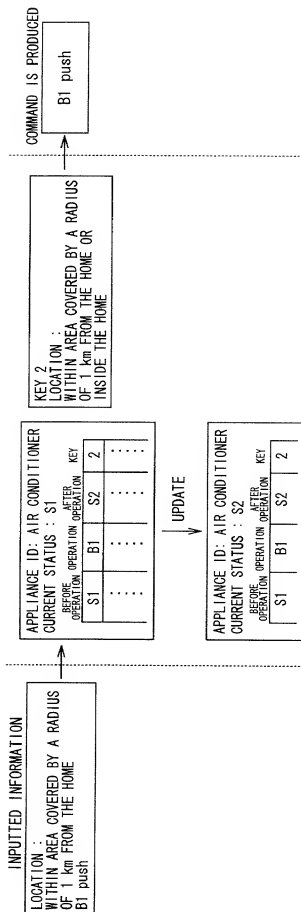


FIG. 49A

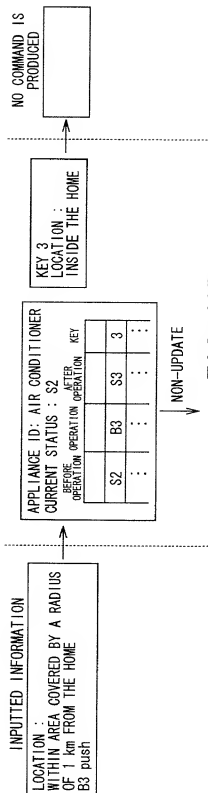


FIG. 49B

REPORT: ETT51060

APPLIANCE ID: VTR 1 CURRENT STATUS : S1			
BEFORE OPERATION	OPERATION	AFTER OPERATION	USE KEY
S1	B1 push	S2	9
	B3 push	S3	1 AND 9
	B4 push	S4*	1 AND 9
S2	B2 push	S1	1 AND 9
S3	B2 push	S1	1 AND 9
S4*	CH1 push	S5*	1 AND 9
	:		
	CH12 push		
S5*	TIMER30 push	S6	1 AND 9
	:		
	TIMER90 push		
	TIMER120 push	S6	10 AND 9
	:		
	TIMER180 push		
:	:	:	:

KEY 10
USER ID : A TO C

KEY 9
USER ID : A TO F

KEY 1
USER ID : A TO D

FIG. 50

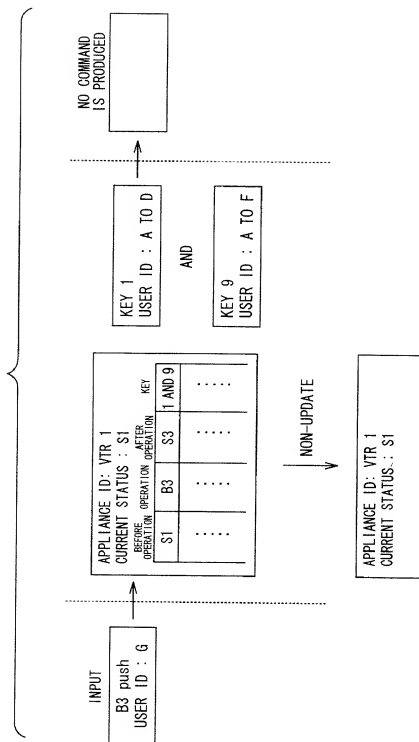


FIG. 51

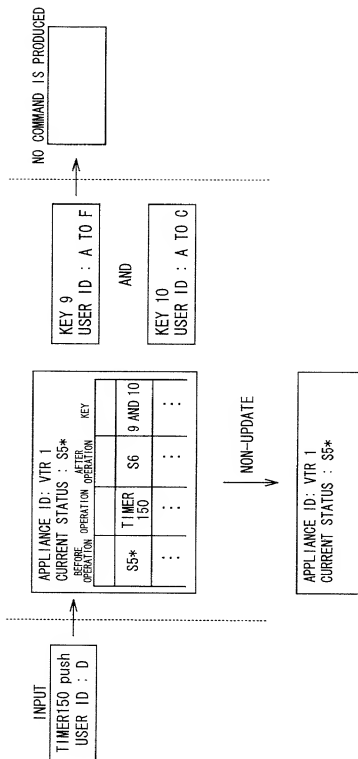


FIG. 52

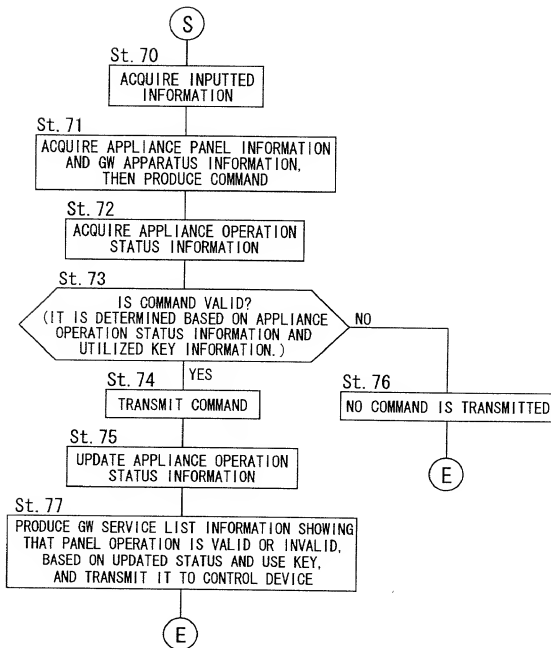


FIG. 53

FIG. 54A

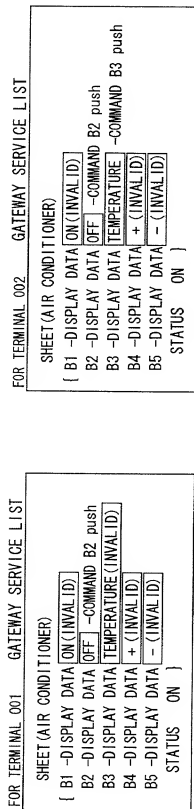
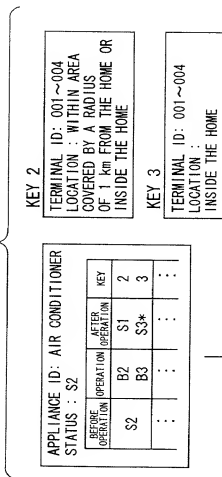


FIG. 54B

FIG. 54C

WITHIN AREA COVERED BY
A RADIUS OF 1 km FROM THE HONE

TERMINAL : 001

B1	ON (INVALID)	B4	+	(INVALID)
B3				
TEMPERATURE (INVALID)				
B2	OFF	B5	-	(INVALID)
CURRENT ON				

FIG. 55A

INSIDE THE HONE

TERMINAL : 002

B1	ON (INVALID)	B4	+	(INVALID)
B3				
TEMPERATURE				
B2	OFF	B5	-	(INVALID)
CURRENT ON				

FIG. 55B

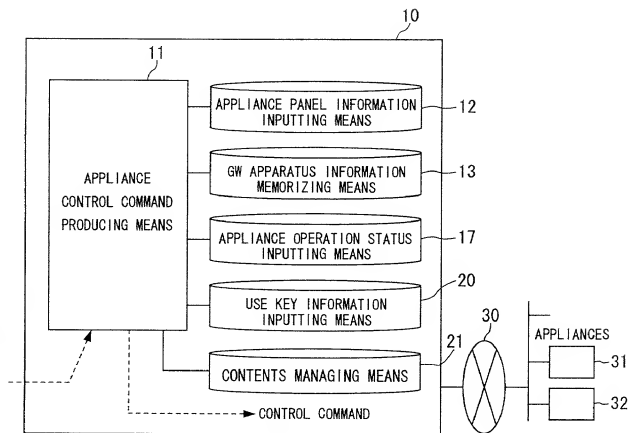


FIG. 56

CONTENTS ID	USE KEY NO.	ACCESS
a	5	—
b	6	VTR1
c	7	HD1
d	8	—
⋮	⋮	⋮

FIG. 57

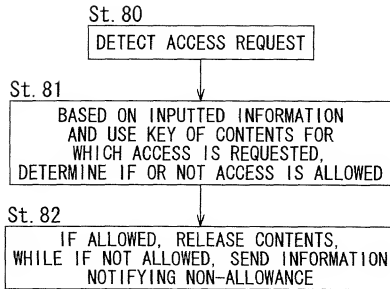


FIG. 58

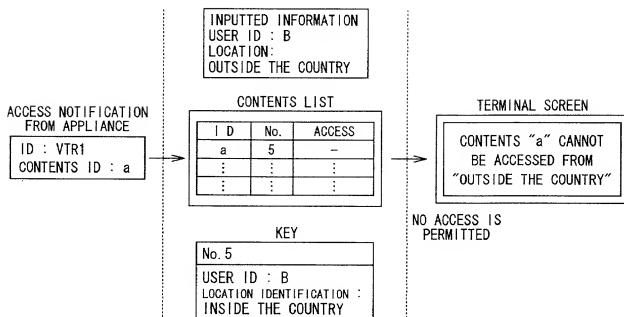


FIG. 59A

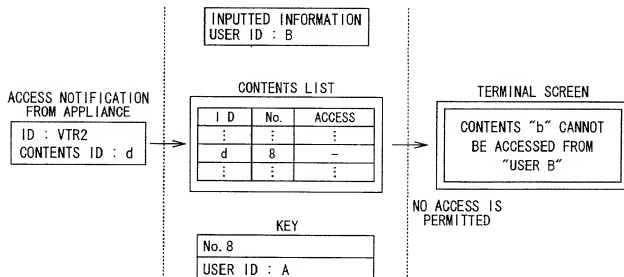


FIG. 59B

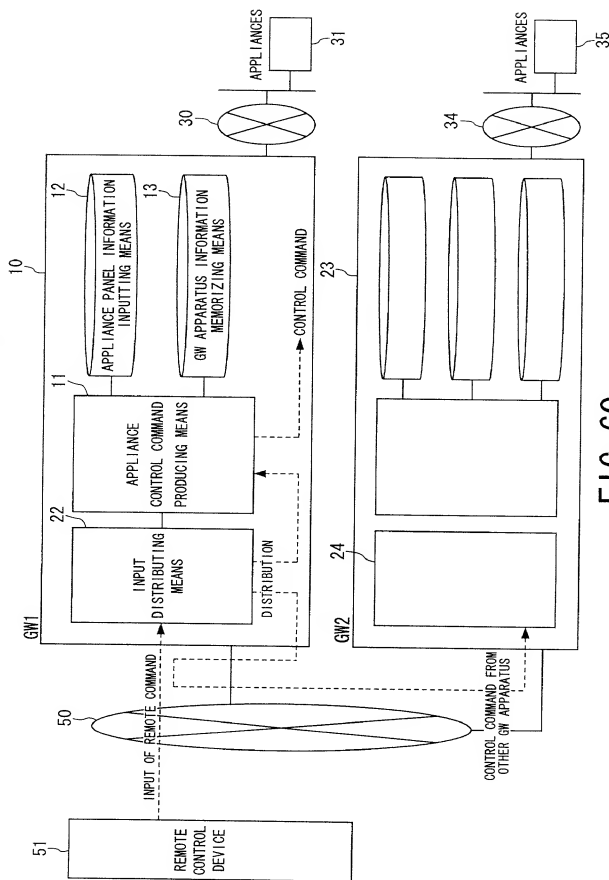


FIG. 60

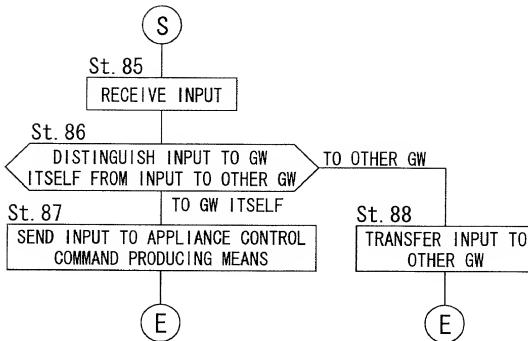


FIG. 61

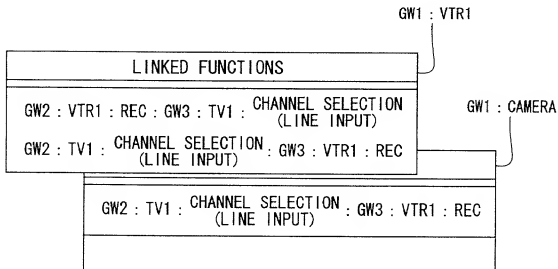


FIG. 62

FIG. 63A

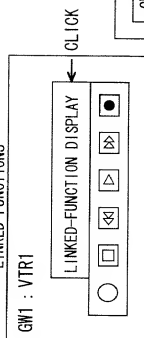
SCREEN-DISPLAYED IMAGE FOR
LINKED FUNCTIONS

FIG. 63B

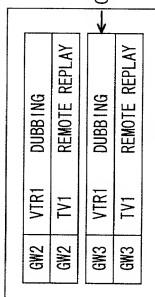
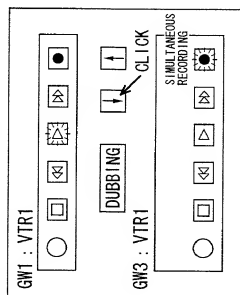


FIG. 63C



DUBBING : GW1 : GW1

GW1 : TERMINAL A : VTR1 : B1 : push :

GW3 : TERMINAL A : VTR1 : B4 : push :

FIG. 64

APPLIANCE/FUNCTION (PANEL OPERATION)	→	APPLIANCE/FUNCTION (PANEL OPERATION)	FUNCTION REALIZED BY LINKAGE
GW1		GW2	
VIDEO/REPLAY	→	TV/CHANNEL SELECTION (LINE INPUT)	REMOTE REPLAY
	↘	VIDEO/RECORDING	DUBBING
TV/CHANNEL SELECTION (LINE INPUT)	→	VIDEO/RECORDING	REMOTE RECORDING
	↘	TV/CHANNEL SELECTION (LINE INPUT)	SHARING SCREEN
CAMERA/RECORDING	→	TV/CHANNEL SELECTION (LINE INPUT)	REMOTE PHOTOGRAPHING, EASY REPORTER, EASY BROADCASTING
	↘	VIDEO/RECORDING	REMOTE RECORDING

FIG. 65

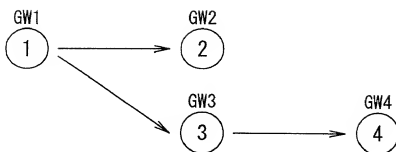


FIG. 66

DISTRIBUTION ROUTE INFORMATION

<u>DUBBING : GW1 : GW2</u>

<u>GW1 : TERMINAL A : VTR1 : B1 : push :</u>
--

<u>GW2 : TERMINAL A : VTR4 : B4 : push :</u>
--

FIG. 67

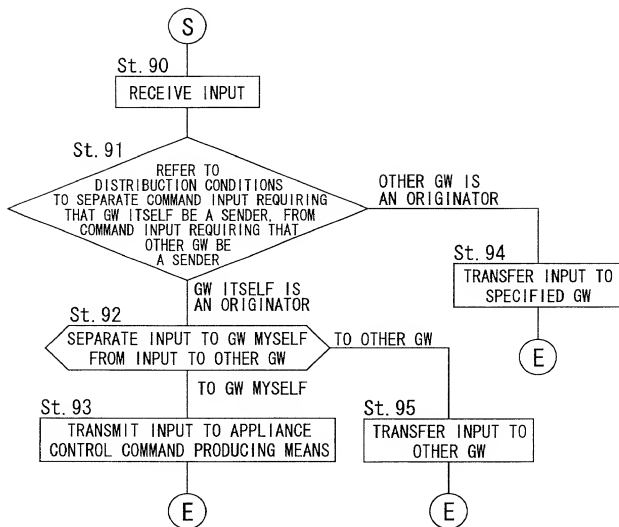


FIG. 68

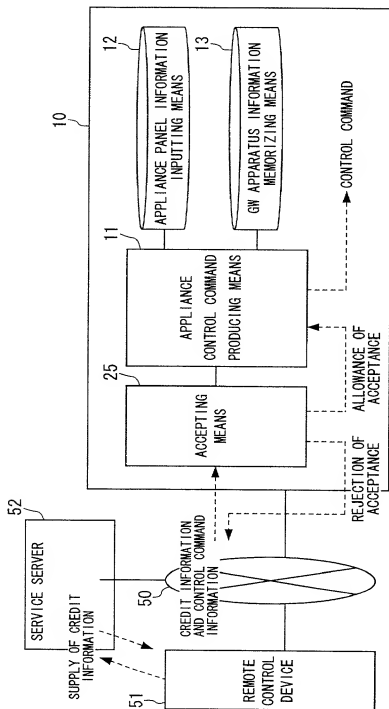


FIG. 69

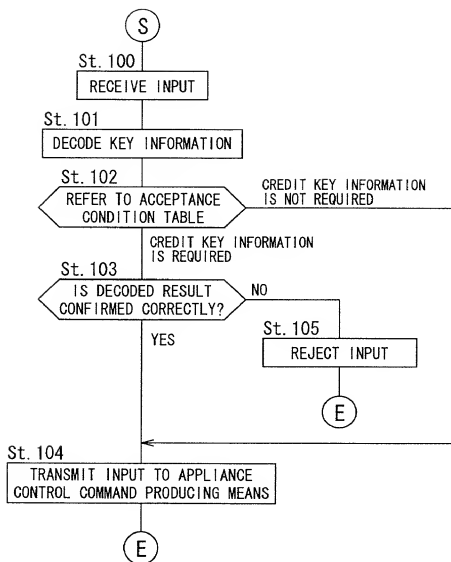


FIG. 70

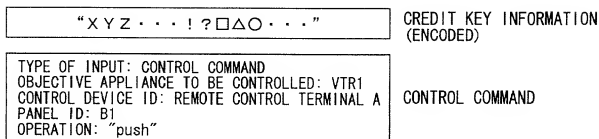


FIG. 71

ACCEPTANCE CONDITION
CREDIT KEY INFORMATION IS REQUIRED

FIG. 72A

SERVICE	ACCEPTANCE CONDITION
SERVICE 1	CREDIT KEY INFORMATION - REQUIRED
SERVICE 2	CREDIT KEY INFORMATION - NOT REQUIRED
SERVICE 3	CREDIT KEY INFORMATION - REQUIRED

FIG. 72B

TYPE OF INPUT	ACCEPTANCE CONDITION
ACQUISITION REQUEST FOR PANEL	"CREDIT KEY INFORMATION IS NOT REQUIRED"
CONTROL COMMAND	"CREDIT KEY INFORMATION IS REQUIRED"

FIG. 72C

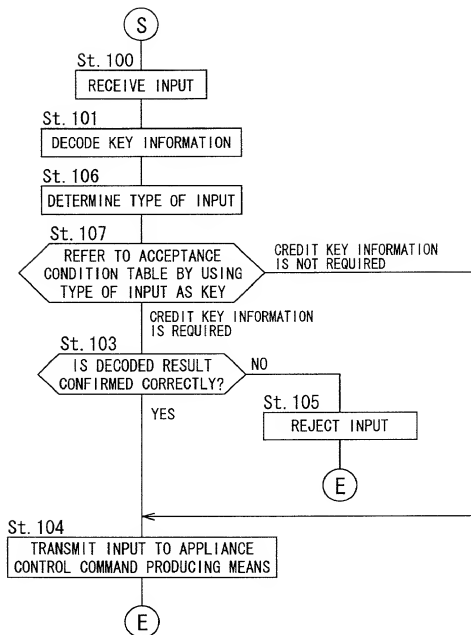


FIG. 73

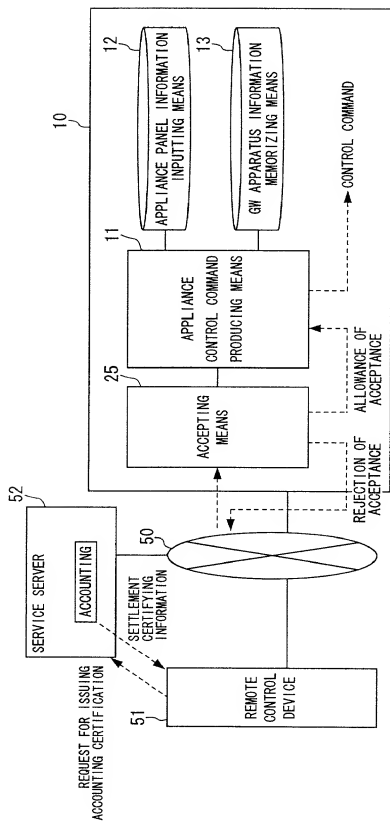


FIG. 74

TYPE OF INPUT	ACCEPTANCE CONDITION	KEY CONTENTS
ACQUISITION OF PANEL INFORMATION	"CREDIT KEY INFORMATION IS NOT REQUIRED"	-
CONTROL COMMAND	"CREDIT KEY INFORMATION IS REQUIRED"	"100 YEN HAS BEEN CHARGED"

FIG. 75

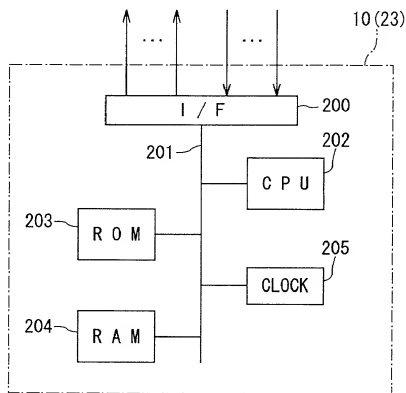


FIG. 76

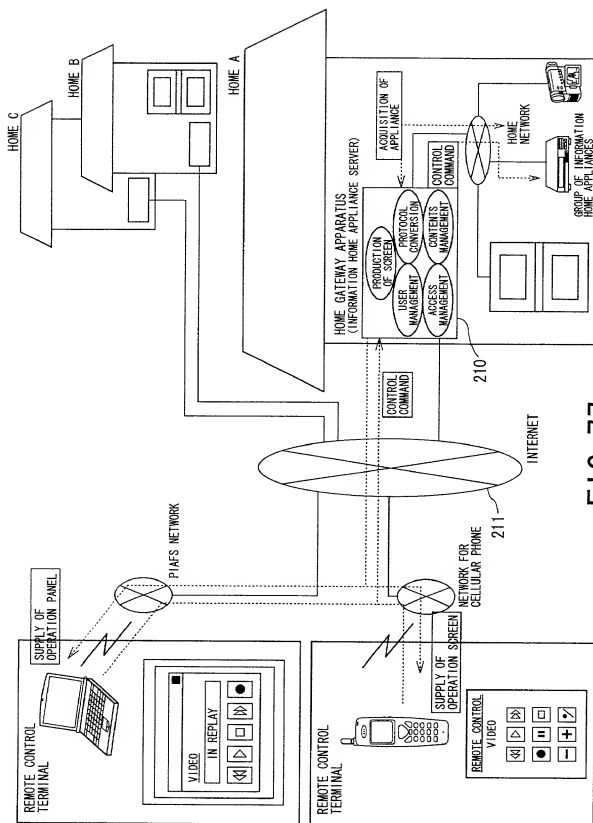


FIG. 77

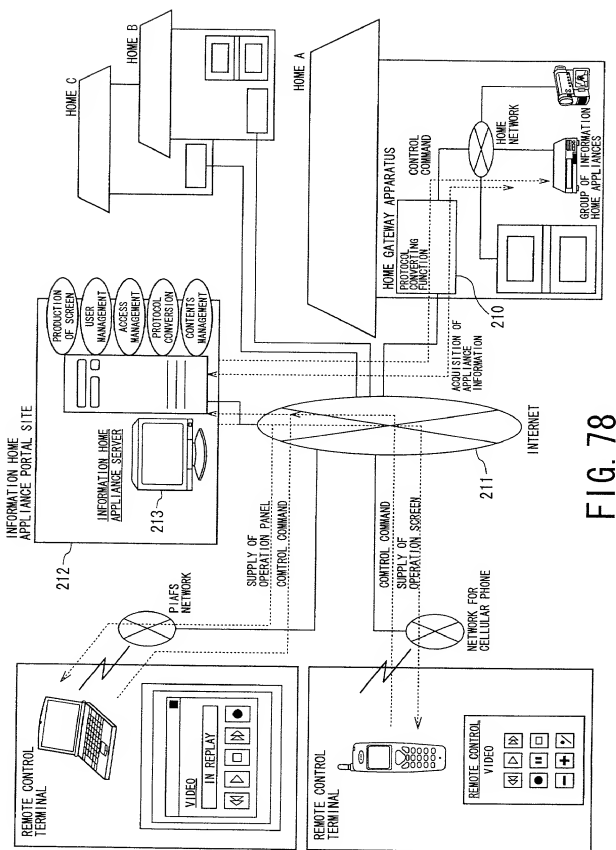


FIG. 78